

# Clean Watersheds Needs Survey (CWNS) 2008



## CWNS 101

Presenter:

Michael Plastino, EPA Office of Wastewater Management

# Seminar Logistics / Ground Rules

If you encounter problems with WebEx, call their Help Line at 1-866-229-3239

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This training is being recorded.

# Seminar Participants

Local / Regional Governments – 47

Consultants – 7

State Governments

    CWNS Novice – 32

    CWNS Experienced – 20

    Other State Government – 7

EPA

    CWNS Regional Coordinators – 3

    Other – 3

Other Federal Government - 4

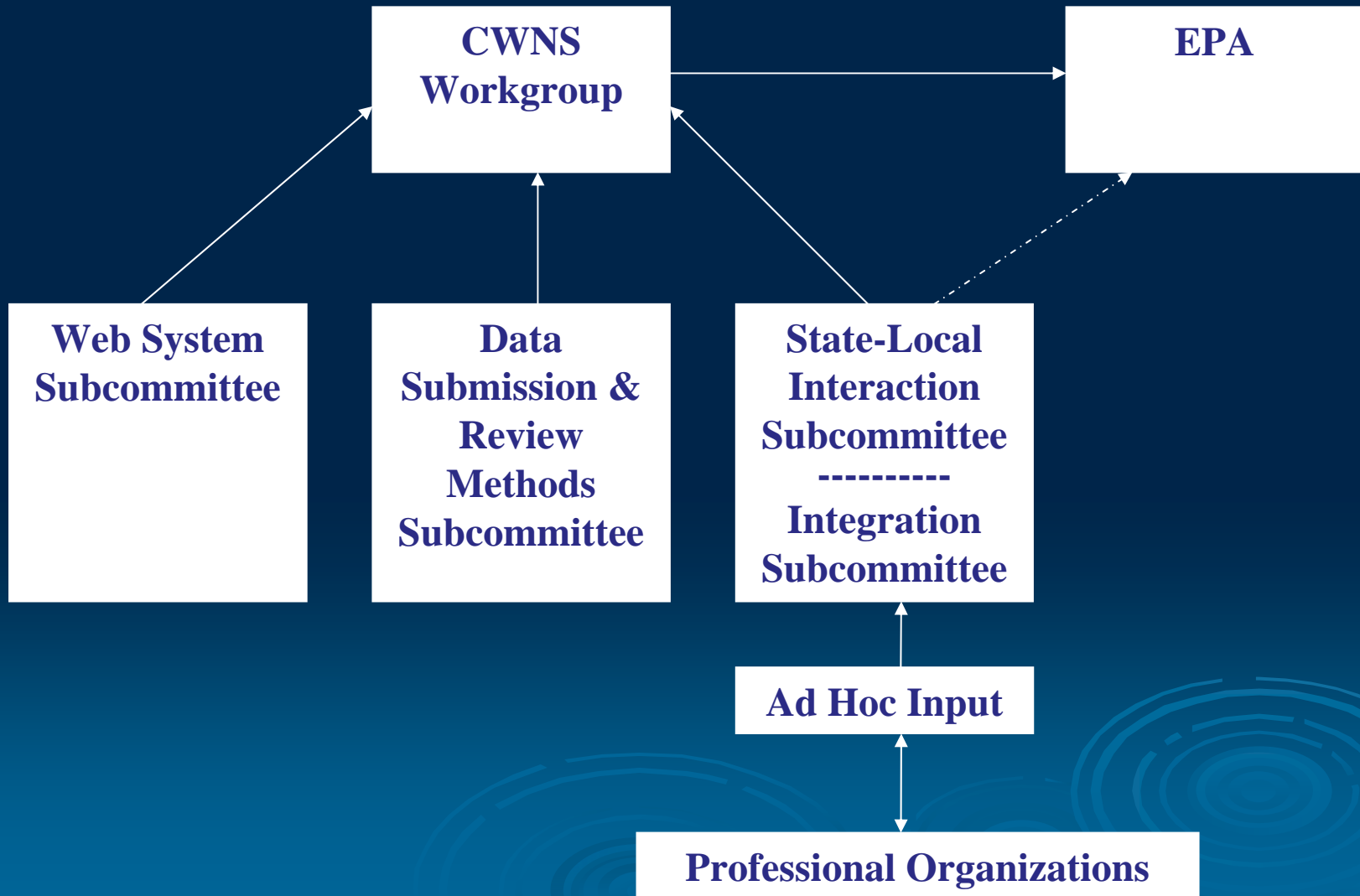
# Seminar Overview

- 1) Acknowledgements
- 2) CWNS History & Fundamentals
- 3) CWNS 2000 & 2004 Results Overview
- 4) CWNS 2008 Survey Methods
- 5) CWNS 2008 Internet Data Entry System

# 1) Acknowledgements

# Acknowledgements

## CWNS Workgroup and Subcommittees



# CWNS Integration Subcommittee

(October 2005 – March 2006)

Jon Bernreuter, AZ

Ketan Patel, N.J.

Mark Hubbard & Steve Tsadwa, NC

Ping Yee, MA

Emily Morris, WA

Ray Kvalheim, EPA Region 2

Catherine King, EPA Region 3

Adrienne Rivera, EPA Region 8

Jim Preston & Michael Plastino, EPA Headquarters

Contractor Support: Jon Harcum, TetraTech

# Data Submission & Review Methods Subcommittee (October 2005 – August 2007)

Nancy Bowser, ID      Tom Webb, MS

Jason Denno & Terry Deuel, NY

Ketan Patel, David Shu & Scott Shymon, NJ

Rosalie Brodersen, Teresa Koon & Carrie Grimm, WV

Ray Kvalheim, EPA Region 2

Bill Tansey, EPA Region 5

Kelly Beard-Tittone, EPA Region 7

Michelle Tucker, EPA Region 10

Karen Fligger and Michael Plastino, EPA HQ

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# Web System Subcommittee

## (October 2005 – December 2007)

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Meg Klepic, OH

Jill Bertelson, KY

David Breau, ME

Jeff Albrecht, CA

Jon Bernreuter, AZ

Doug Garrett & Kirby Finders, MO

Ketan Patel & Scott Shymon, NJ

Susanne Mann, EPA Region 6

Jim Preston, Karen Fligger & Michael Plastino, EPA HQ

Contractor Support:

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Lockheed Martin

Jon Harcum, TetraTech

# State-Local Interaction Subcommittee

(May 2006 – April 2008)

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Meg Klepic, OH

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Dorothy O'Brien, Peioria, AZ, Western Coalition of Arid States  
(WESTCAS)

Karen Pallansch, Alexandria, VA

Mohsin Siddique, Washington, DC

Matt Singleton, Grapevine, TX, American Public Works  
Association (APWA)

Bruce Tobey, Gloucester, MA, Local Government Advisory  
Committee (LGAC)

Chris Hornback, NACWA Headquarters

Steve Via, American Water Works Association Headquarters

## 2) CWNS History & Fundamentals

# CWNS History & Fundamentals

Required by Clean Water Act (CWA) Sec. 516

Joint Effort between EPA & States

Conducted Every 4 Years since 1992,  
following inception of Drinking Water Needs  
Survey (every 2 years 1972-1992)

# CWNS History & Fundamentals

## Closely Related to

Construction Grants Program (1972-1986)

CWA Sec. 205 -> Sec. 516

-> Publicly Owned Treatment Works

State Revolving Fund Program (1988-Present)

CWA Sec. 604 -> Sec. 205 -> Sec. 516

-> Publicly Owned Treatment Works

-> Stormwater, Nonpoint Source & Estuary  
Management Projects

CWNS 2004 Needs are 'Generally SRF Eligible'

# CWNS History & Fundamentals

## Sec. 205(a) excerpt

“Allotments...shall be made only in accordance with a revised cost estimate made and submitted to Congress in accordance with Sec. 516 of this Act and only after such revised cost estimate shall have been approved by law specifically enacted hereafter.”

# CWNS History & Fundamentals

## Sec. 516 excerpt

“The EPA Administrator, in cooperation with the States, ...shall make (a) a detailed estimate of the cost of carrying out the provisions of this Act”; (b) a detailed estimate...of the cost of construction of all needed publicly owned treatment works in all of the States...”



# CWNS 2004 Needs Categories

## Section 212 Wastewater Treatment & Collection

*Report -  
Section 516(b)*

- I: Secondary wastewater treatment
- II: Advanced wastewater treatment
- III-A: Infiltration/inflow correction
- III-B: Sewer replacement/rehabilitation
- IV-A: New collector sewers  
appurtenances
- IV-B: New interceptor sewers and  
appurtenances
- X: Recycled water distribution

## Section 212 Wet-weather

*Report -  
Section  
516(b)*

- V: Combined sewer overflow  
correction
- VI: Storm water management  
programs

Sections  
319 &  
320  
Non-  
point  
Source  
Pollution  
Control

*Report -  
Section  
516(a)*

## **Category VII – Nonpoint Source Control**

- A: Agriculture (cropland)
- B: Agriculture (animals)
- C: Silviculture
- D: Urban
- E: Ground water protection
- F: Marinas
- G: Resource extraction
- H: Brownfields
- I: Storage tanks
- J: Sanitary landfills
- K: Hydromodification
- L: Individual / decentralized sewage treatment

# Information in CWNS

Capital Needs for projects that address water quality or water-related public health problems

Approximately 33,000 Facilities/Projects

50% NPDES Wastewater Treatment Plants

25% Wastewater Collection Systems

20% Nonpoint Source Projects

5% Stormwater Projects

# Information in CWNS

Project costs & documentation sources

Facility / Project location & contact information

Facility current and projected

- Populations served

- Design and actual flows

- Effluent levels

Facility unit process & NPS best management practices (BMP) data

# CWNS Data Uses

Assists Congress and state legislatures in budgeting efforts

Helps measure environmental progress & contributes to academic research

Informs the public

Assists with program implementation

Loading analyses, NPDES permit writing, SRF Project Prioritization...

# Questions

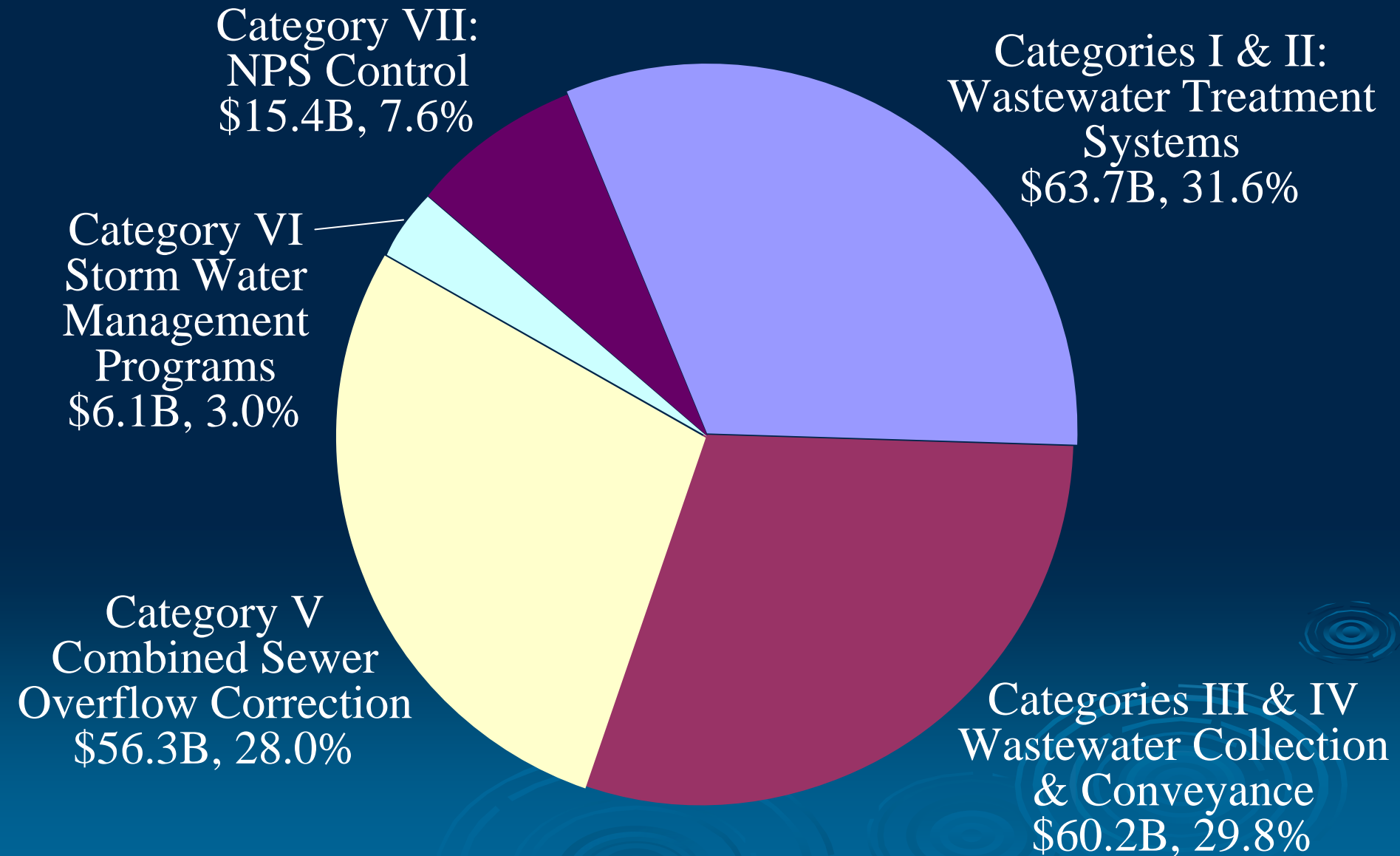
Your phones will now be taken off mute, so that you may ask questions. Please mute your phone or remain quiet so that everyone can hear the question.

Remember--Written questions can be submitted at anytime by clicking the question icon.



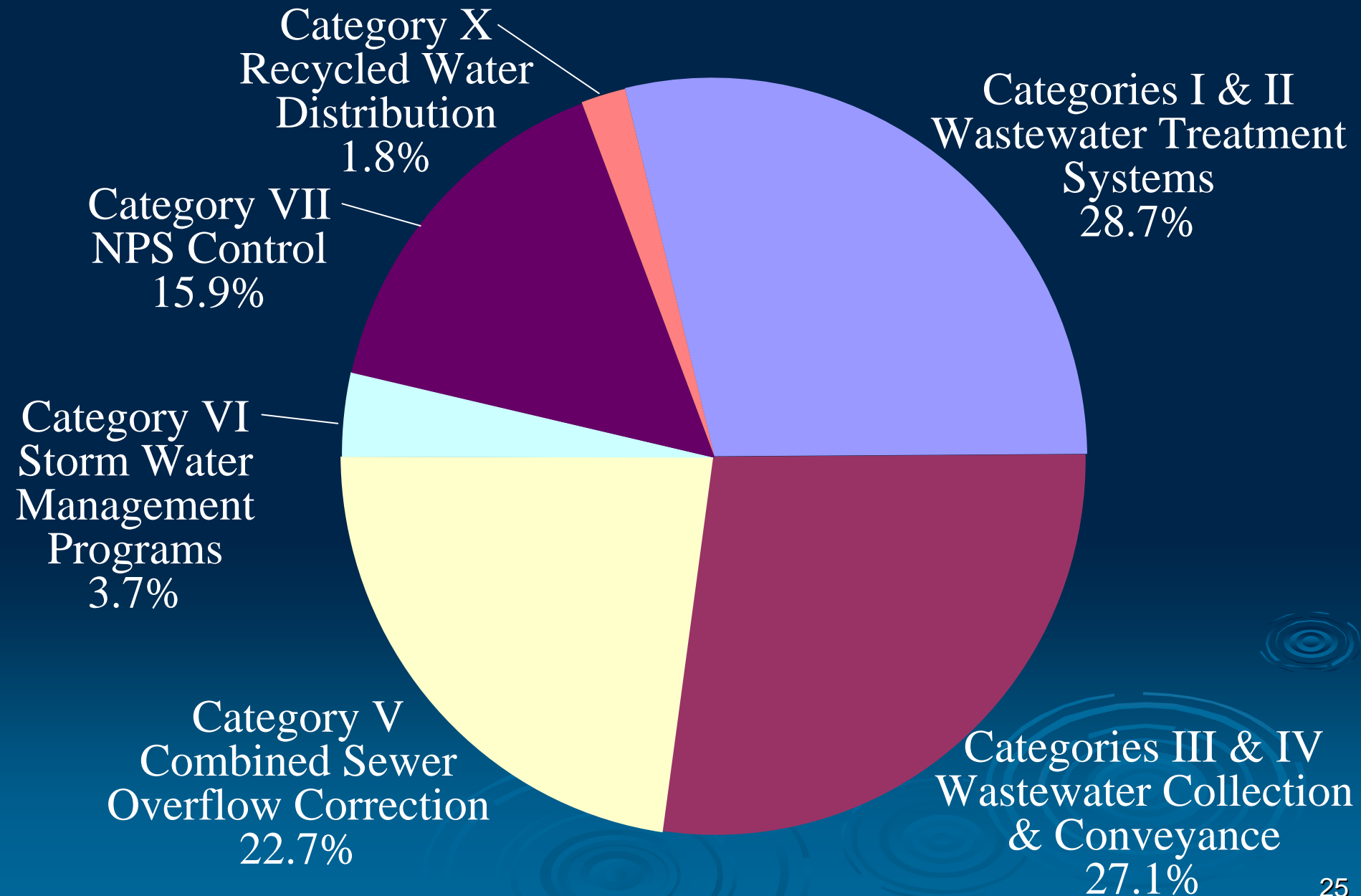
# 3) CWNS 2000 & 2004 Results Overview

# CWNS 2000 Distribution of Needs





# CWNS 2004 Distribution of Needs



# CWNS 2004 Main Findings

## Largest needs categories

Wastewater treatment (28.7%)

Wastewater collection/conveyance (27.1%)

Combined sewer overflow correction (22.7%)

## Categories with largest % increases

Nonpoint Source, Wastewater treatment,  
Sewer repair/replacement

## Wastewater collection & treatment needs

Rehabilitation of aging infrastructure

Meeting more protective water quality standards

Adding new facilities & increasing treatment  
capacity

# CWNS 2004 Main Findings

NPS needs and stormwater management needs are still under reported

10% of WW collection & treatment needs, and 2/3 of onsite/decentralized needs are in small communities

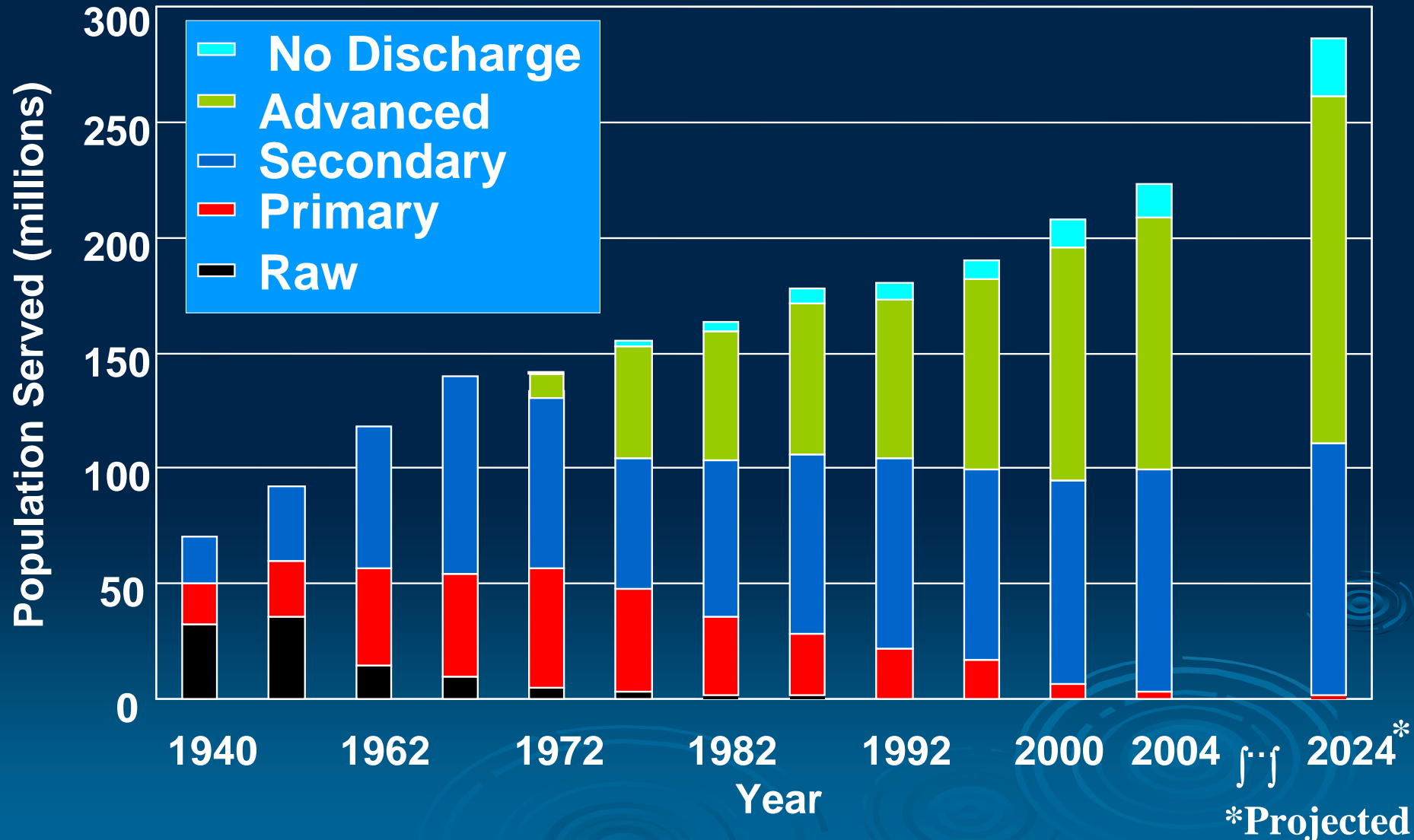
90% of needs are in 35% of watersheds

35% of needs are in designated National Estuary Program areas

49% of needs are in coastal watersheds

# CWNS 2004 Main Findings

## Population Served by Treatment Level 1940-2004



# CWNS Public Data Access

Data is at [WWW.EPA.GOV/CWNS](http://WWW.EPA.GOV/CWNS)

CWNS 2000 data is currently available

All CWNS 2004 data will be available after Report submitted to Congress

Data, available in EPA Office of Water's Ask WATERS internet tool, can be:

- Accessed via easy web interface

- Compared with other water program data

- Organized into various charts, tables, and maps



## Clean Watersheds Needs Survey (CWNS)

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All EPA



This Area

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### CWNS 2000 DATA

There are three easy ways to access CWNS data.

#### 1. [Facility Fact Sheet](#)

Summarizes all CWNS data available for a specific waste water treatment facility or nonpoint source (NPS) pollution prevention project.

#### 2. Ask WATERS Simple Query Tool

The Ask WATERS Simple Query Questions allows you to access data for wastewater facilities stormwater management programs, and NPS pollution control projects in a watershed, state, region, or the entire nation.

Nine Ask WATERS Simple Query Questions that summarize data from CWNS are:

1. [How many CWNS 2000 facilities and projects have needs and in what categories are their needs?](#)
2. [What CWNS 2000 facilities and projects have needs documented to federal standards?](#)
3. [What are the current and projected flows for publicly owned wastewater treatment facilities?](#)
4. [How many people are served by publicly owned wastewater treatment facilities?](#)
5. [Combination of Questions #2 and #3](#)
6. [Combination of Questions #2 and #4](#)
7. [Combination of Questions #2, #3, and #4](#)
8. [What are the discharge methods and locations for CWNS 2000 facilities and projects?](#)
9. [What are the names and locations of publicly owned wastewater treatment facilities currently in operation?](#)

#### Description of CWNS Data

- Dictionaries: [Data User's Dictionary and Technical Data Dictionary](#) (in EPA's Environmental Data Registry)
- Overview: [Ask WATERS internet tool](#) (used for data reports on this web site)

[CWNS Home Page](#)[CWNS Basics](#)[CWNS 2008](#)[CWNS 2004](#)[- Report to Congress](#)  
[- Data](#)[CWNS 2000](#)[- Report to Congress](#)  
[- Data](#)[1996 CWNS](#)[- Report to Congress](#)  
[- Data](#)[Where You Live](#)[Data Dictionary](#)



# Watershed Assessment, Tracking Results System

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**ASK  
WATERS**

**Enter Report Selection Criteria for:  
How many CWNS 2000 facilities and projects have  
needs and in what categories are their needs?**

[Return to Ask WATERS Question List](#)

## Geographic Location Criteria

[EPA Region](#):

State:    
AK - Alaska  
AL - Alabama  
AR - Arkansas  
AS - American Samoa

Watershed (Hydrologic Unit Code) - Click [Map](#) or [List](#) to Select Code

(Display only)

County Name - Click [List](#) to Select County

(Display only)

Congressional District - Click [List](#) to Select Congressional District

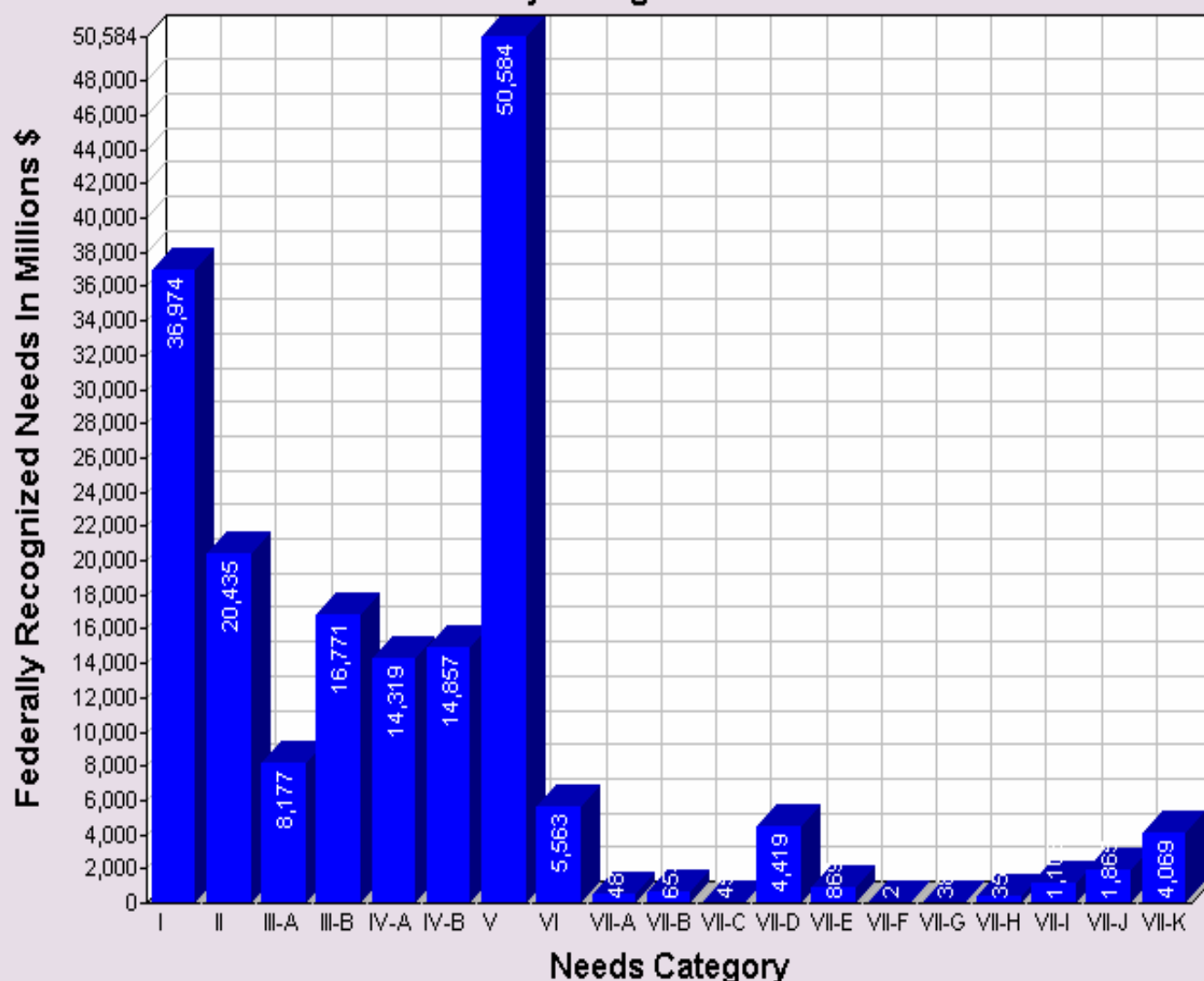
(Display only)

[Run Report](#)

[Reset](#)

# CWNS Total Federally Recognized Needs by Category

■ Federally Recognized Needs



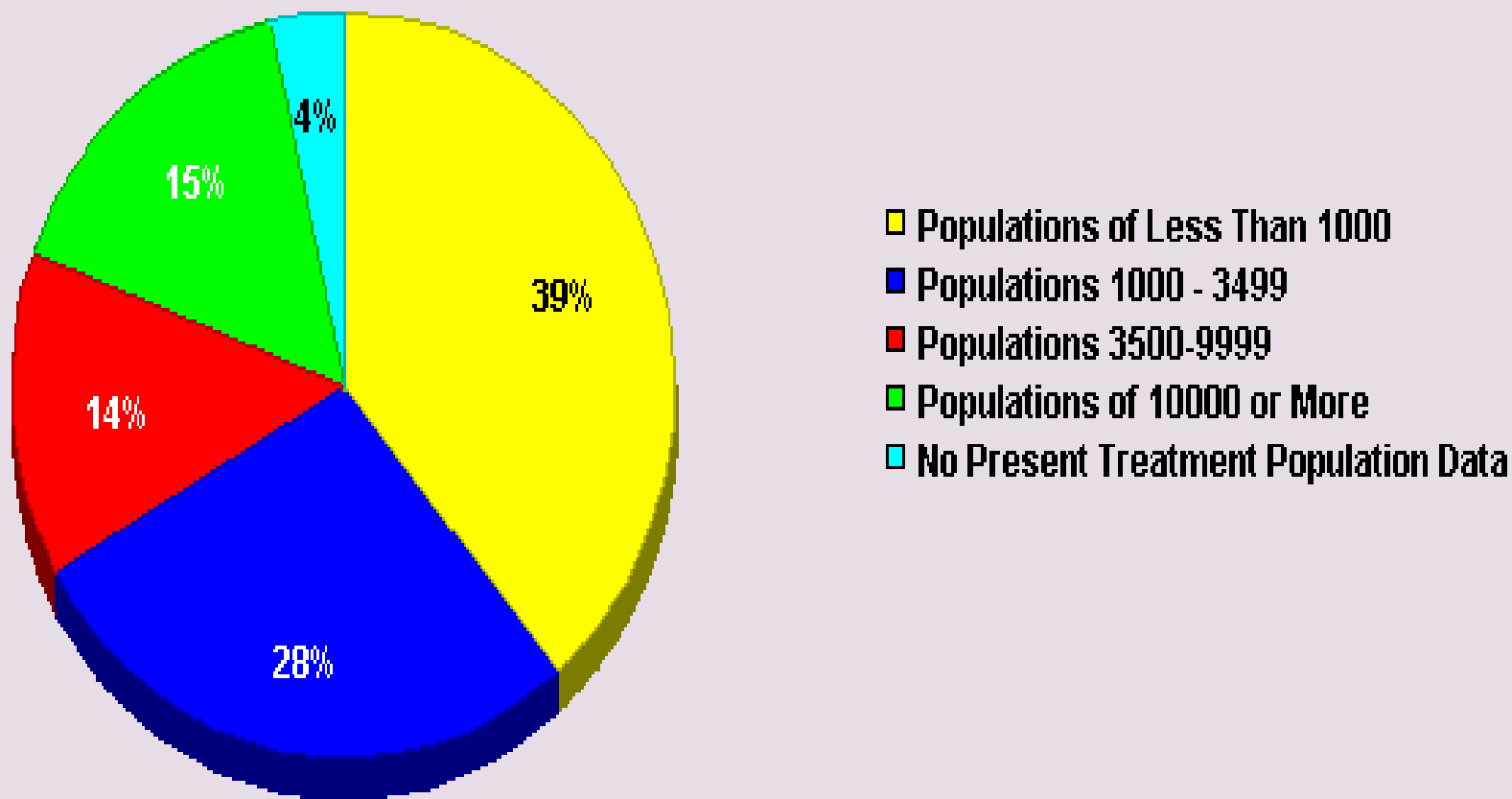
## Category Legend

- I Secondary Wastewater Treatment
- II Advanced Treatment
- III-A Infiltrate/Inflow Correction
- III-B Replace/Rehab of Sewers
- IV-A New Collector Sewers
- IV-B New Interceptor Sewers
- V Combined Sewer Overflow
- VI Separate Storm Sewer System
- VII-A NPS-Agriculture (cropland)
- VII-B NPS-Agriculture (animals)
- VII-C NPS-Silviculture
- VII-D NPS-Urban
- VII-E NPS-Ground Water Unknown Source
- VII-F NPS-Marinas
- VII-G NPS-Resource Extracation
- VII-H NPS-Brownfield
- VII-I NPS-Storage Tanks
- VII-J NPS-Sanitary Landfills
- VII-K NPS-Hydromodification
- VIII Confined Animals (Point Source)
- IX Mining (Point Source)

Click on any bar to get a detailed facility listing



## Percentage of CWNS Facilities and Projects by Present Population Served Size



16187 CWNS Facilities and Projects

Click on any pie slice to get a detailed facility listing.



## Enter Report Selection Criteria for: How many and what categories of CWNS 2000 facilities and projects, documented to federal standards, are located on impaired waters?

[Return to Ask WATERS Question List](#)

### Geographic Location Criteria

[EPA Region:](#)

No Region Selected



State:

No State Selected

AK - Alaska

AL - Alabama

AR - Arkansas

AS - American Samoa



Watershed (Hydrologic Unit Code) - Click [Map](#) or [List](#) to Select Code

*(Display only)*

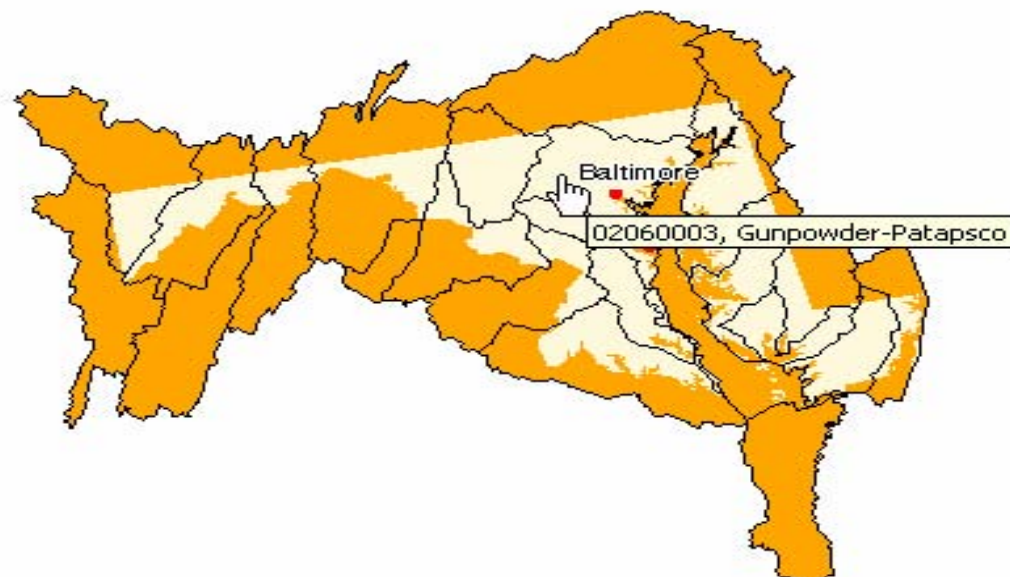
Run Report

Reset

## HUC Map Maryland - Microsoft Internet Explorer



Select a watershed address by clicking on it:



Watershed Address (HUC, Name): 02060003, Gunpowder-Patapsco

Run Report

Reset

### Programmatic Search Criteria

All columns selected below will appear on the generated report in addition to the base columns. Records returned will be limited to those in which at least one of the selected columns has a value greater than zero.

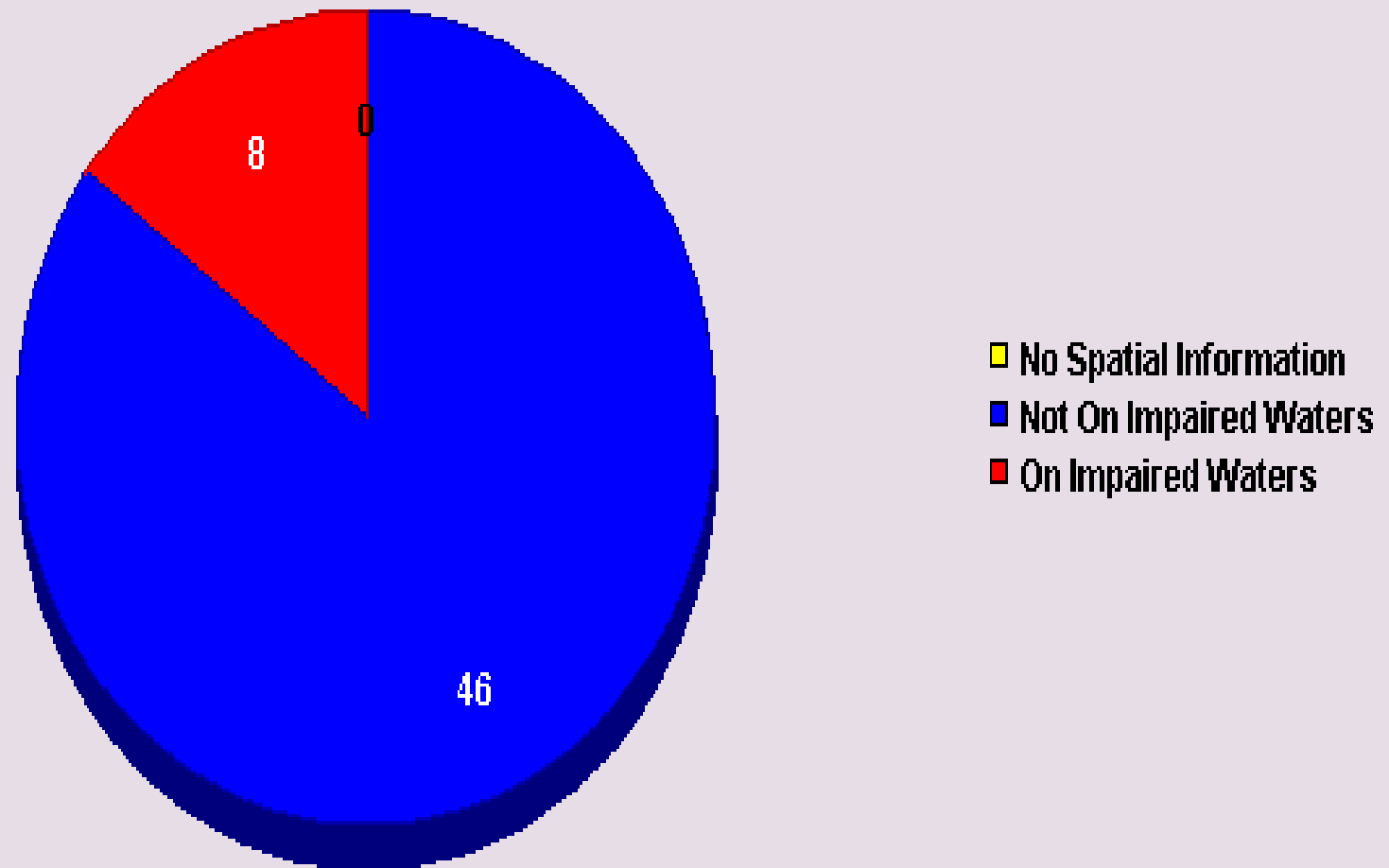
Needs Category Type (Select one or more categories):

☐ Select/De-select all Needs categories

☐ I: Secondary Wastewater Treatment

☐ II: Advanced Treatment

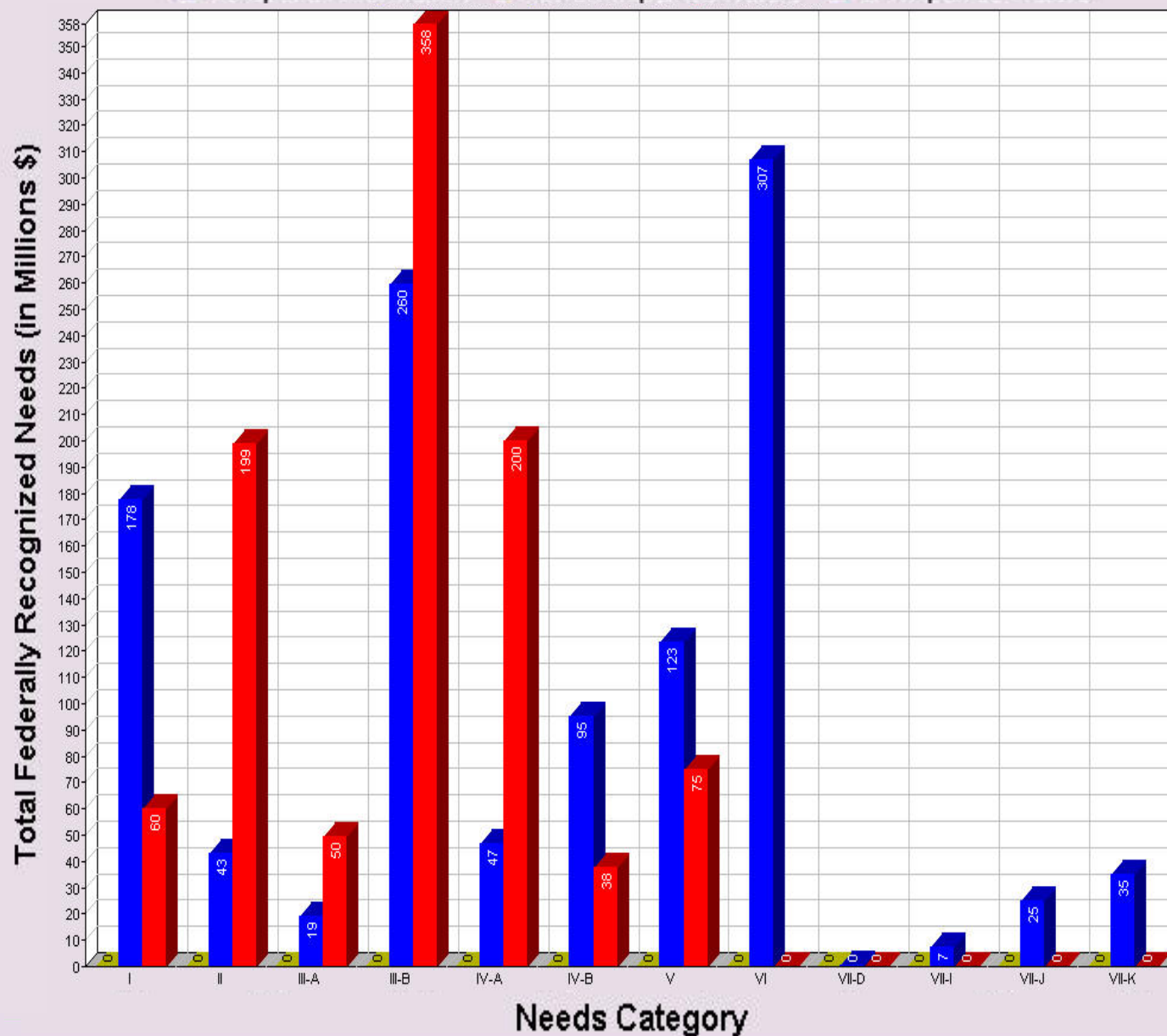
# Impaired Water Status for CWNS Facilities and Projects



54 CWNS Facilities and Projects

Click on any pie slice to get a detailed facility listing.

■ No Spatial Information 
 ■ Not On Impaired Waters 
 ■ On Impaired Waters



Category Legend	
I	Secondary Wastewater Treatment
II	Advanced Treatment
III-A	Infiltrate/Inflow Correction
III-B	Replace/Rehab of Sewers
IV-A	New Collector Sewers
IV-B	New Interceptor Sewers
V	Combined Sewer Overflow
VI	Separate Storm Sewer System
VII-A	NPS-Agriculture (cropland)
VII-B	NPS-Agriculture (animals)
VII-C	NPS-Silviculture
VII-D	NPS-Urban
VII-E	NPS-Ground Water Unknown Source
VII-F	NPS-Marinas
VII-G	NPS-Resource Extracation
VII-H	NPS-Brownfield
VII-I	NPS-Storage Tanks
VII-J	NPS-Sanitary Landfills
VII-K	NPS-Hydromodification
VIII	Confined Animals (Point Source)
IX	Mining (Point Source)



# Watershed Assessment, Tracking & Environmental Results System

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## Ask WATERS Results

Documented Needs Exist, HUC = 02060003, Needs Category = II, Overlap Category = 1

[Return to Ask WATERS Question List](#) [Return to Report Selection Criteria Screen](#)

[Important Report Information](#)

### CWNS Facilities with Approved Federal Needs

#### CWNS Facility Listing

Page No. 1

REGION	STATE	COUNTY	CWNS_NUMBER	FACILITY	AUTHORITY	CWNS_REPORT	CWNS_MAP	CATEGORY CODE	CATEGORY_NAME	NEED_AMT	NEEDS	OVERLAP
3	MD	Anne Arundel	24000003001	COX CREEK WWTP	ANNE ARUNDEL COUNTY DPW	<a href="#">CWNS Facility Report</a>	<a href="#">Map CWNS Facility</a>	II	Advanced Treatment	\$16,488,000	\$46,377,000	No
3	MD	Carroll	24000005003	Freedom District WWTP	CARROLL COUNTY DPW	<a href="#">CWNS Facility Report</a>	<a href="#">Map CWNS Facility</a>	II	Advanced Treatment	\$2,928,000	\$27,031,000	No
					MOUNTAIN							

System Name:		Point of Contact	Tribe: No
Location (Point of Record)		Name:	
		Authority: ANNE ARUNDEL COUNTY DPW	
County, State: Anne Arundel MD		Address:	
Congressional District: 2401			
Within Tribe Territory: No			
Latitude/Longitude: 39.1739 N / 76.5347 W		Phone:	
Watershed: Gunpowder-Patapsco.		Fax:	
NHD Index:		Email:	

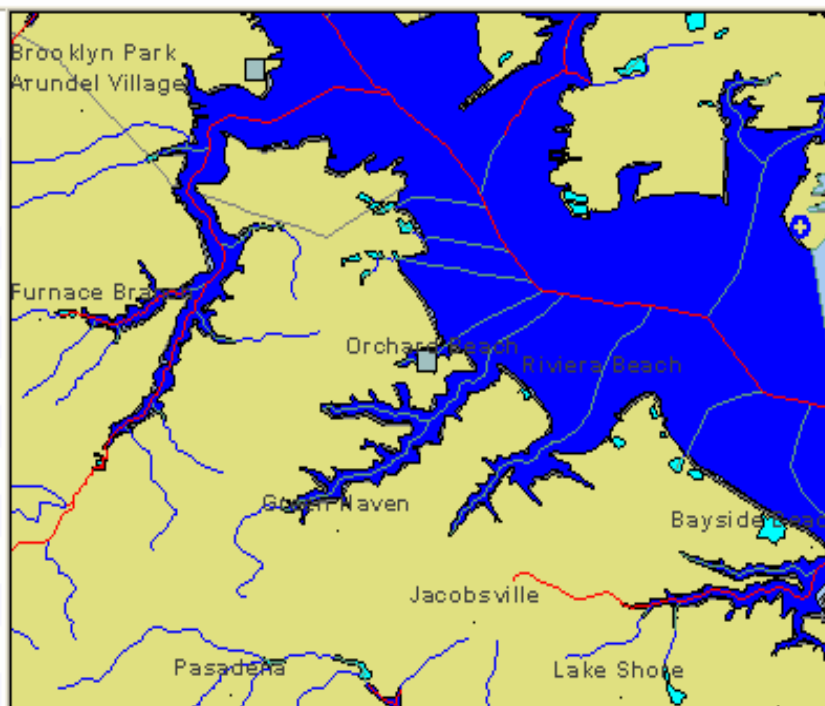
Facility Description

Nature	Present	Projected	Change(s)
Collection: Separate Sewers	Y	Y	Expansion
Collection: Separate Sewers	Y	Y	Rehabilitation
Collection: Separate Sewers	Y	Y	Replacement
Treatment Plant	Y	Y	Increase Level Of Treatment
Treatment Plant	Y	Y	Process Improvement

Permit(s)	Number	Type
*indicates NPDES Permit	MD0021661*	Discharge



DISPLAY	LABEL ALL	ACTIVE		MAP FEATURES
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Facilities</a>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Clean Watersheds Needs</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Community Landmarks</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Nutrient Stations</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Water Quality Stations</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Streets</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Railroads</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">ZIP Codes</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">National Estuary Programs</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Congressional Districts</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Federal Lands</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Watersheds</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Tribal Lands</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Aggregate Ecoregions</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Level III Ecoregions</a>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Counties</a>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">States</a>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Surface Waters</a>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Water Quality Standards</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Assessed Waters</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Beaches</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<a href="#">Sewage No Discharge Zones</a>




10 Miles Wide (Local)



Click on map to:

☐ [Zoom In](#)

By 2X

☐ [Zoom to View](#)

Local

☐ [Recenter Map](#)
☐ [Show Location](#)
☒ [Identify Active Feature](#)
☐ [Add](#) [Active Feature Label](#)
☒ [Locator Map](#)



Click on compass to pan map

[Multi-color Menu](#)

[Zoom To Area Menu](#)



# Questions

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Remember--Written questions can be submitted at anytime by clicking the question icon.



# 4) CWNS 2008 Survey Methods

# “Official” Needs

“Official” Needs are defined as Capital costs for Needs that:

- Meet CWNS documentation criteria, and

- Fall within CWNS categories, with Section 212-related Needs limited to publicly owned facilities

# “Official” Needs

CWSRF eligibility is no longer required for a project to be an “Official” need

“Official” Needs are in the main body of the Report to Congress

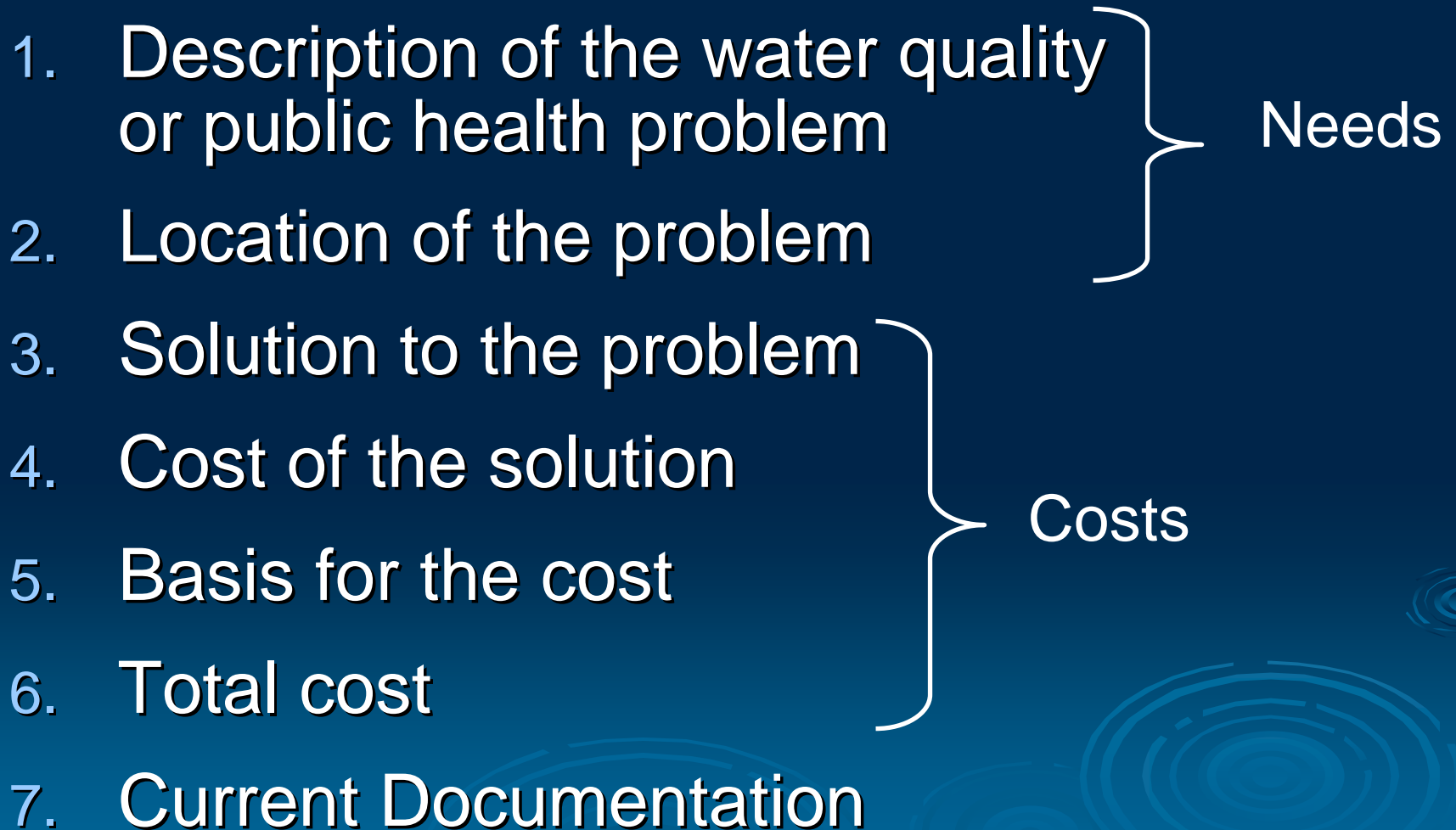
Other needs are in appendices, including:

Capital costs for privately owned wastewater collection and treatment plants

Planning and operations & maintenance costs

CWSRF eligible subset of “Official” needs

# Documentation Criteria for “Official Needs”

- 
- The diagram illustrates the documentation criteria for 'Official Needs'. It features a list of seven items on the left. A large white curly bracket on the right groups the first two items under the heading 'Needs'. Another large white curly bracket on the right groups the next four items (items 3 through 6) under the heading 'Costs'. The seventh item, 'Current Documentation', is not grouped. The background is dark blue with faint, concentric white circles resembling ripples in water.
1. Description of the water quality or public health problem
  2. Location of the problem
  3. Solution to the problem
  4. Cost of the solution
  5. Basis for the cost
  6. Total cost
  7. Current Documentation
- Needs
- Costs

# Commonly Used Document Types

Capital Improvement Plan (37%)

Facility Plan (15%)

State Approved Area-Wide / Region Basin  
Plan (8%)

Final Engineer's Estimate (5%)

CWSRF Intended Use Plan (5%)

# CWNS Cost Curves

Combined Sewer Overflow

Secondary & Advanced Treatment

Pipes

New

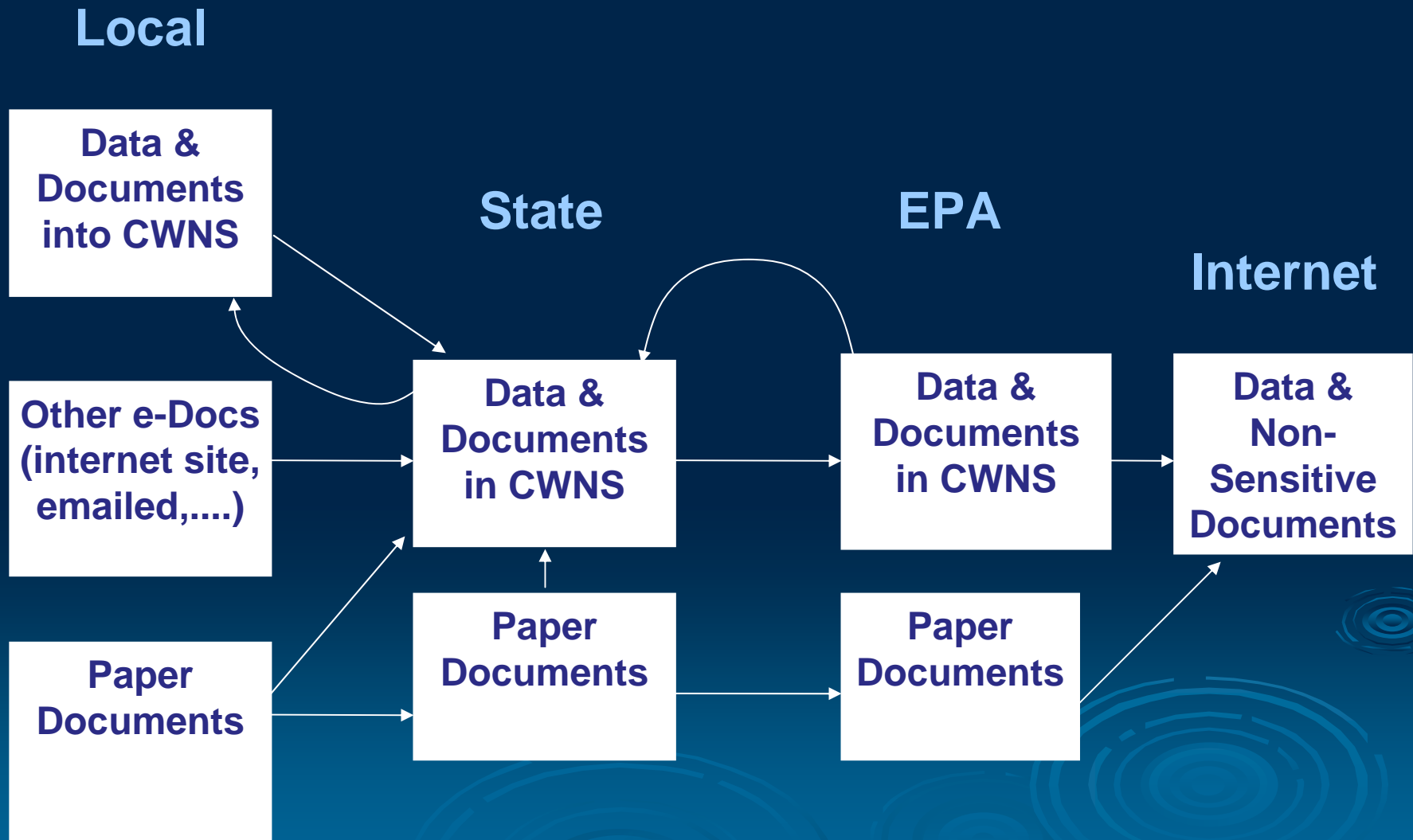
Rehabilitation/Replacement

Septic System

Individual

Cluster

# CWNS 2008 Data Entry Roles





# CWNS 2008 Data Entry Roles

## Local Entities

Provide updated data and documents to  
State CWNS Coordinator

### Data Update Methods

Mark up paper copy of CWNS Fact Sheet sent  
by State

Mark up data in Internet based CWNS Fact  
Sheet

# CWNS 2008 Data Entry Roles

## State CWNS Coordinators

Use Local input / other data to update Needs

Ensure CWNS data and documentation requirements are met

Submit data and documentation for EPA Review

Work with Local entities and others as needed to respond to EPA Review

# Data Quality Assurance

## Contractor Review Team checks:

- Data Requirements

- Data Consistency with Document Information

- Documents meet Documentation Criteria

- SRF Eligibility (spot checks)

## Appeals

- CWNS Regional Coordinator

- EPA Headquarters CWNS Team

- EPA Headquarters / Regions SRF Panel

# Questions

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# 5) CWNS 2008 Internet Data Entry System

# New Internet Data Entry System

Built in EPA Portal, integrated with

- NPDES permit data

- Impaired waters data

- CWSRF benefits data

- Online mapping tool

- Ask WATERS reporting tool

Allows local & secondary state interaction  
with State CWNS Coordinators on  
data/document submittal and updating

# New Internet Data Entry System

Submittal and mark up of documents

Fact Sheets

- Official versions

- Local Mark Up version

User interface customized based upon

- User (Local, State, EPA)

- Need Type (POTW, Decentralized, NPS)

- Need Status (Local Feedback Requested,  
State Update in Progress,  
EPA Review Requested,...)



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### CWNS 2008

The next CWNS will be conducted in 2008. One of the primary goals of the 2008 CWNS is to make it easier for states and local communities to submit their information by:

- Moving the data entry system to the Internet to enable the direct entry of Needs by local communities and various state agencies.
- Integrating data with other EPA programs.

Data collection will occur from January 17, 2008 to September 17, 2008. Detailed guidelines for 2008 data submission are expected to be available in July 2007. For new information on the 2008 CWNS, [sign up for quarterly updates by e-mail](#) (cwns@epa.gov).

To establish an account on the CWNS system click [here](#)

User Name: Password: 

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CWNS Home Page

CWNS Basics

CWNS 2008

CWNS 2004

- Report to Congress
- Data

CWNS 2000

- Report to Congress
- Data

1996 CWNS

- Report to Congress
- Data

Where You Live

Data Dictionary





# Welcome to the EPA Portal

## Clean Watersheds Needs Survey (CWNS)

Meg Klepic  
OH State User

[Support](#)
[Help](#)

### Search

[Help](#)

Keyword



### Advanced Search

[Help](#)

Review Status

 Federal Accepted  
Federal Review Requested  
Federal Review Correction


Facility/Project Name

Overall Type

 Decentralized/ISDS  
Nonpoint Source  
Storm Water


Authority

System Name



County/FIPS



Watershed



Total Needs

&gt;




(\$, Federal, Adjusted)

Documentation Older than



Facility/Project

### Facility/Project List

#### All Facilities

Select	CWNS Number	Facility/Project Name	Status	County	Feedback Status
<input type="checkbox"/>	39000357001	<a href="#">ALLEN COUNTY AIRPORT STP</a>	Deleted	Allen	
<input type="checkbox"/>	39000356001	<a href="#">ALLEN INN STP</a>	Deleted	Allen	
<input type="checkbox"/>	39006000093	<a href="#">ASHTABULA RIVER WS</a>	Deleted		
<input type="checkbox"/>	39000014001	<a href="#">Aberdeen WWTP &amp; Sewers</a>	Federal Accepted	Brown	
<input type="checkbox"/>	39000021001	<a href="#">Ada WWTP &amp; Sewer System</a>	Federal Accepted	Hardin	
<input type="checkbox"/>	39007420008	<a href="#">Adams Acres Subdivision</a>	Federal Accepted	Sandusky	
<input type="checkbox"/>	39010010001	<a href="#">Adams County NPS</a>	Federal Accepted	Adams	
<input type="checkbox"/>	39000049001	<a href="#">Addyston Collection System</a>	Deleted	Hamilton	
<input type="checkbox"/>	39000010001	<a href="#">Adelphi Collection System</a>	Federal Accepted	Ross	
<input type="checkbox"/>	39000063001	<a href="#">Adena WWTP &amp; Sewer System</a>	Federal Accepted	Jefferson	
<input type="checkbox"/>	39002892003	<a href="#">Airport Industrial Park WWTP</a>	Federal Accepted	Fulton	
<input type="checkbox"/>	39000084002	<a href="#">Akron MS4</a>	Deleted	Summit	
<input type="checkbox"/>	39000084001	<a href="#">Akron WWTP &amp; Sewers</a>	Federal Accepted	Summit	
<input type="checkbox"/>	39001199017	<a href="#">Alamo Heights WWTP &amp; Sewers</a>	Federal Accepted	Butler	
<input type="checkbox"/>	39000091001	<a href="#">Albany WWTP and Sewer System</a>	Federal Accepted	Athens	
<input type="checkbox"/>	39000331002	<a href="#">Albany/Athens Corridor Sewers</a>	Federal Accepted	Athens	
<input type="checkbox"/>	39000121001	<a href="#">Alexandria Septic Tanks</a>	Federal Accepted	Licking	
<input type="checkbox"/>	39000012001	<a href="#">Alger WWTP &amp; Sewers</a>	Federal Accepted	Hardin	
<input type="checkbox"/>	39000355001	<a href="#">Allen Acres WWTP &amp; Sewers</a>	Deleted	Allen	
<input type="checkbox"/>	39010030001	<a href="#">Allen County NPS</a>	Federal Accepted	Allen	

[Select All](#) | [Clear All](#) | [Import](#) | [Export](#)  
[Federal Review Requested](#) | [Local Assigned](#)

&lt;&lt; | Prev | 1 - 20 of 1906 |



**Facility/Project Menu**

[Fact Sheet](#)

[Profile](#)

**Summary**

	Req	Ent	Err
<a href="#">Facility</a>	✓	✓	
<a href="#">Permit</a>			✓
<a href="#">Point of Contact</a>	✓	✓	
<a href="#">Location</a>	✓	✓	✓
<a href="#">Needs</a>			
<a href="#">Population</a>	✓	✓	
<a href="#">Flow</a>	✓	✓	
<a href="#">Discharge</a>	✓	✓	✓
<a href="#">Effluent</a>	✓	✓	
<a href="#">Pollution</a>			
<a href="#">Unit Process</a>		✓	
<a href="#">Utility Management</a>			

☐ Show Only Cost Curve Errors

[view all comments](#)

State: Meg Klepic 09/26/2001

Reviewer:

Facility Needs Population & Flow Discharge & Effluent Pollution

## Facility Information

\* Facility: ALLEN COUNTY AIRPORT STP

Description:

\* CWNS Number: 39000357001

System Name:

\* Owner: ☒ Public ☐ Military

## Facility Type

Type	Present	Projected	Change
Treatment Plant	✓	✓	No Change
Collection: Separate Sewers	✓	✓	No Change

## Permits

NPDES	Permit Number	Type	Active	Use Date
✓	<a href="#">NJ00020923</a>	Discharge	✓	✓
✓	<a href="#">NJ00020924</a>	Discharge	✓	
	NJA222123	State	✓	
✓	<a href="#">NJ00020925</a>	Discharge	✓	

### Review Status

Status: Deleted ▼

Save

### Review Comments

[Help](#)


☒ Survey ☐ Feedback

Author/Date: Comment

### Point of Contact Search

[Help](#)

State: Ohio ▼

Keyword:  

Select	Info
<input type="checkbox"/>	City of Columbiana OH
<input type="checkbox"/>	City of Crestline OH
<input type="checkbox"/>	City of Chardon OH
<input type="checkbox"/>	City of Carlisle OH
<input type="checkbox"/>	City of Canal Fulton OH

[|<<](#) [Prev](#) | 1 - 5 of 1121 | [Next](#) | [>>|](#)

Associate with Facility

## Point of Contact

Responsible Entity	Authority	Role/Title	Contact Name	Phone	Email	Tribe	De
✓	deleted						

## Location Information

### Address

\* Address: 324 Stanley rd  
Address 2:  
\* City: Cincinatti  
\* State: OH  
\* Zip Code: 32131

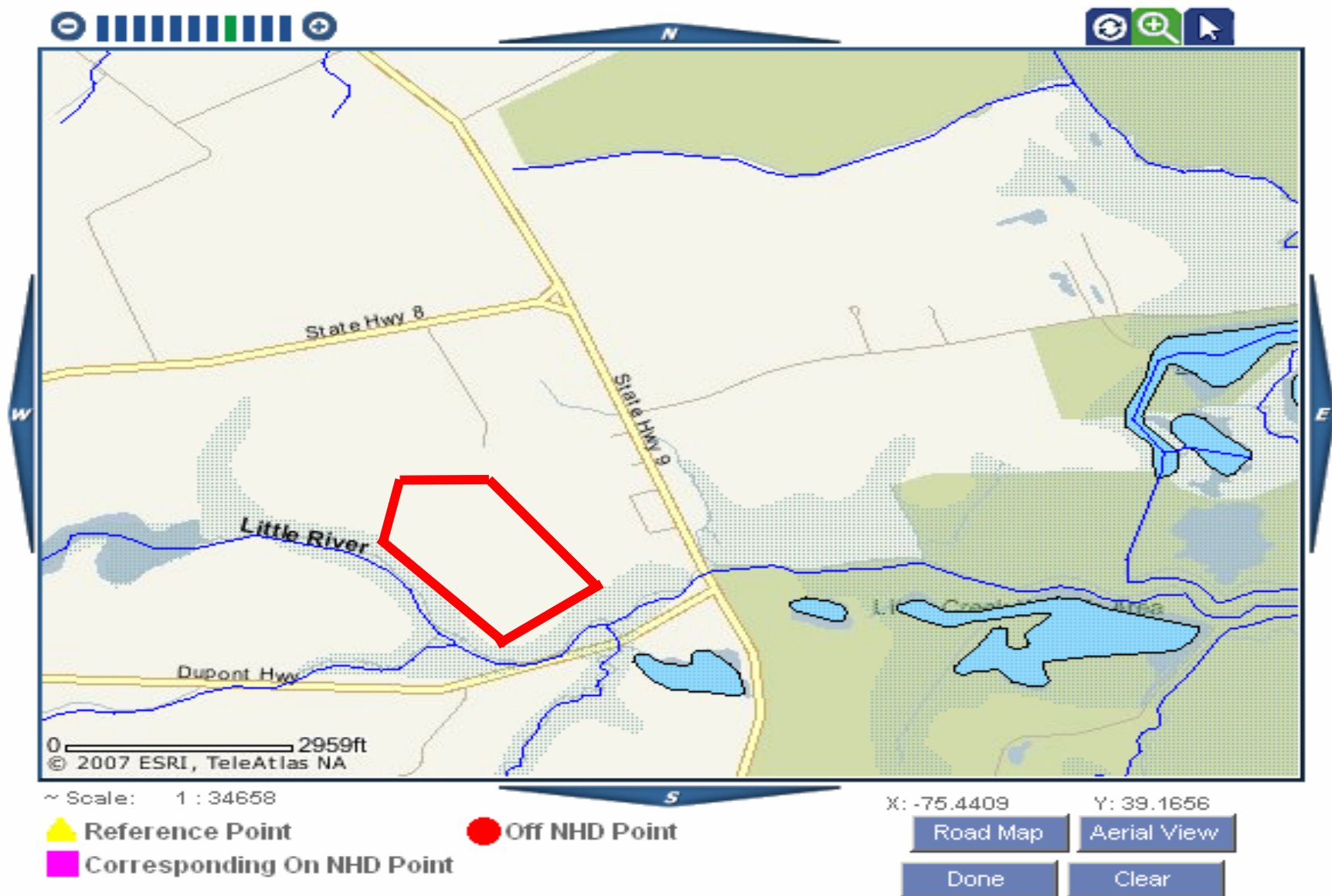
### Coordinates

\* Location Description: Facility Center/Centroid  
\* Method: Address Matching-Primary Name  
\* Datum: North American Datum of 1983  
\* Latitude: 39.295  
\* Longitude: 82.117

Source: Manual  
\* Measure Date: 08/03/2004  
Scale:  
\* Latitude Direction: NORTH  
\* Longitude Direction: WEST

☐ Within Tribal Territory

[Use Map to Get](#)







GlobeXplorer™



~ Scale: 1 : 6388

▲ Reference Point

■ Corresponding On NHD Point

● Off NHD Point

X: -76.0694

Y: 38.5681

Road Map

Aerial View

Done

Clear

Cancel



Summary

Review Status

Review Comments

Document Search

Document Type: 
  
Published Date: 
  
From: 
  
Published Date To: 
  
Keyword:

[Facility](#)
[Needs](#)
[Population & Flow](#)
[Discharge & Effluent](#)
[Pollution](#)

## Needs By Document

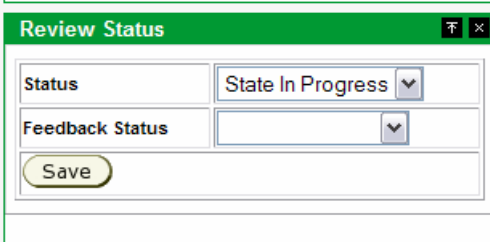
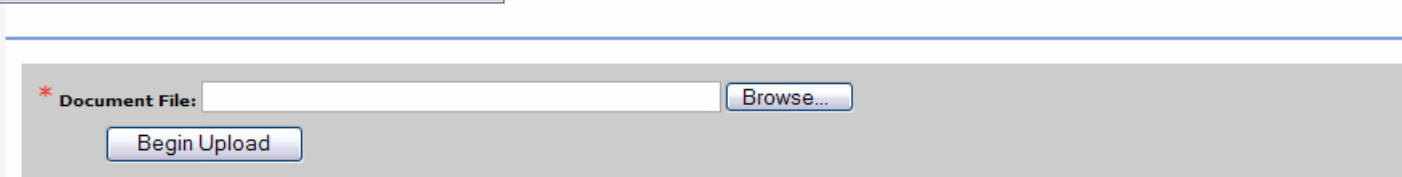
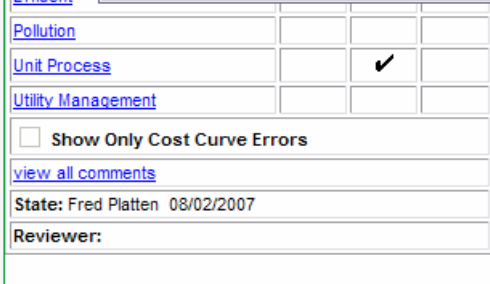
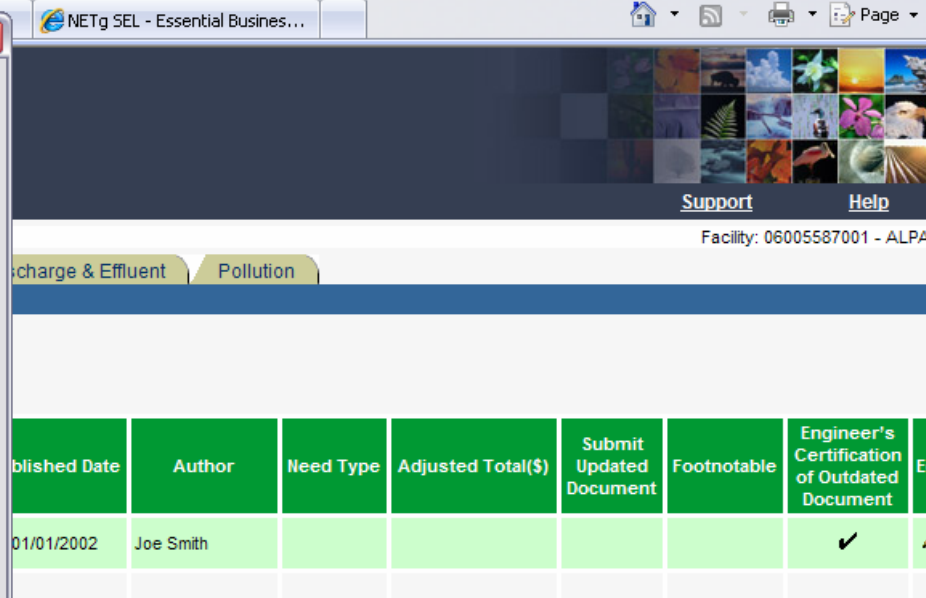
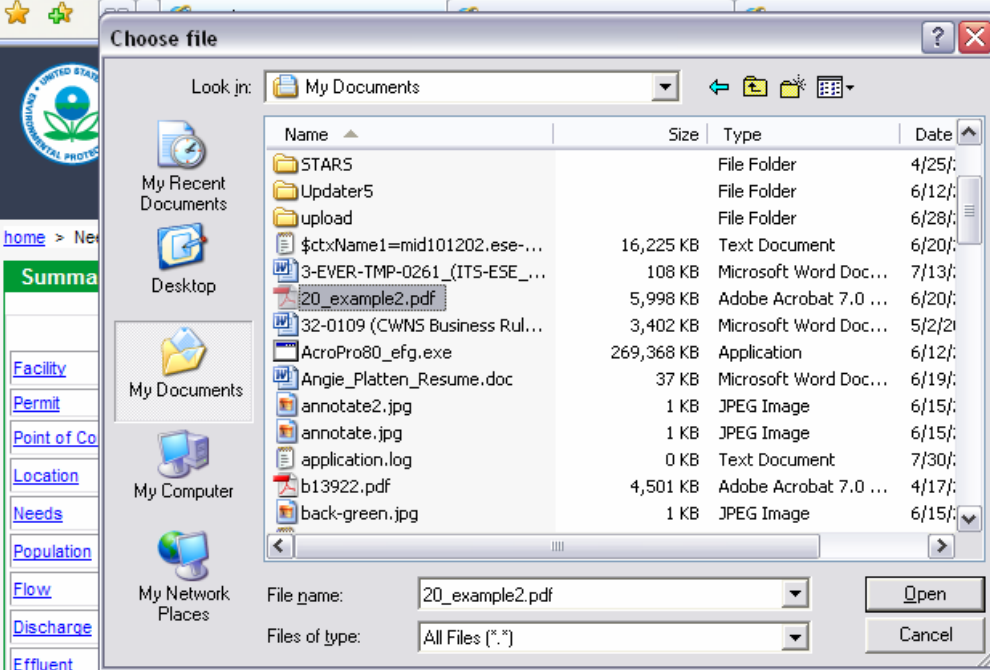
Document Title	Type	Published Date	Author	Need Type	Adjusted Total(\$)	Submit Updated Document	Footnotable	Engineer's Certification of Outdated Document	Details
<a href="#">BLUE CREEK (INA0445_T1006)</a>	11	01/01/2004	303(d) Impaired Waters Database						+
<a href="#">HABEGGER DITCH (INA0443_T1008)</a>	11	01/01/2004	303(d) Impaired Waters Database						+
Total									

## Operation and Maintenance Costs

Year	Category	Plant Cost	Coll. Cost	Total
2001	Debt Service	\$124,000	\$276,000	\$400,000
2001	Replacement	\$224,000	\$276,000	\$500,000
2001	Total	\$348,000	\$552,000	\$900,000
2000	Debt Service	\$90,00	\$120,000	\$210,000
2000	Total	\$90,000	\$120,000	\$210,000

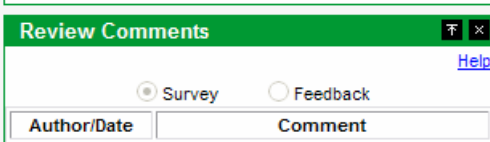
## Funding Source

Type	Agency / Program	Award Date	Loan Number	Source	Total	% Funded by CWSRF
Loan	SRF	5/21/2001	<a href="#">cs-35001-00</a>	Federal	\$320,000	100
Grant	SRF	6/22/2002	<a href="#">cs-67002-00</a>	Federal	\$100,000	60%
Loan	State	10/10/07	abb-001-1234	Private	\$20,000	
Total					\$420,000	



## Operation and Maintenance Costs

Year	Category	Plant Cost	Coll. Cost	Total
2001	Debt Service	\$124,000	\$276,000	\$400,000
2001	Replacement	\$224,000	\$276,000	\$500,000
2001	<b>Total</b>	<b>\$348,000</b>	<b>\$552,000</b>	<b>\$900,000</b>
2000	Debt Service	\$90,00	\$120,000	\$210,000
2000	<b>Total</b>	<b>\$90,000</b>	<b>\$120,000</b>	<b>\$210,000</b>



## Funding Source

Type	Agency / Program	Award Date	Loan Number	Source	Total	% F by
------	------------------	------------	-------------	--------	-------	--------





home > Needs

Summary

Facility

Permit

Point of Contact

Location

Needs

Population

Flow

Discharge

Effluent

Pollution

Unit Process

Utility Management

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[view all comments](#)

State: Fred Platten 08/02/200

Reviewer:

Review Status

Status

Feedback Status

Save

Review Comments

☒ Survey ☐ Feedback

Author/Date	Comment
<a href="#">Add Comment</a>	

Adobe Reader - [20\_example2.pdf]

File Edit View Document Tools Window Help

110%

Search Web

Want to create online forms?

Pages

Non-expansion Capital ..... 145

GUIDE TO READING THE FY 2007 – FY 2012 CAPITAL IMPROVEMENT PROGRAM

CWNS Number 990000000000 Date

CWNS Number 990000000000 Title

The Proposed FY 2007 – FY 2012 Capital Improvement Program (CIP) continues the revised format introduced in the FY 2005 - FY 2010 CIP. The format provides a more accessible and readable document with additional detailed information. As in previous years, the CIP provides

Expand All Collapse All Next Previous Show Search Options

Page 1

alejandro.escobar CWNS Number 990000000000 Author

alejandro.escobar

Page 7

7 of 156

Help **Funding Source**

Type	Agency / Program	Award Date	Loan Number	Source	Total	% by
Loan	SRF	5/21/2001	<a href="#">cs-35001-00</a>	Federal	\$320,000	
Grant	SRF	6/22/2002	<a href="#">cs-67002-00</a>	Federal	\$100,000	

Help

05587001 - ALPA

Engineer's Certification of Outdated Document

Total





# Welcome to the EPA Portal

## Clean Watersheds Needs Survey (CWNS)

Meg Klepic  
OH State User

[Support](#)[Help](#)[Logout](#)[home](#) > Population & Flow

Facility: 39000357001 - ALLEN COUNTY AIRPORT STP

### Summary ⌵ ×

[Help](#)

	Req	Ent	Err
<a href="#">Facility</a>	✓	✓	
<a href="#">Permit</a>			✓
<a href="#">Point of Contact</a>	✓	✓	
<a href="#">Location</a>	✓	✓	✓
<a href="#">Needs</a>			
<a href="#">Population</a>	✓	✓	
<a href="#">Flow</a>	✓	✓	
<a href="#">Discharge</a>	✓	✓	✓
<a href="#">Effluent</a>	✓	✓	
<a href="#">Pollution</a>			
<a href="#">Unit Process</a>		✓	
<a href="#">Utility Management</a>			

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State: Meg Klepic 09/26/2001

Reviewer:

### Review Status ⌵ ×

Status: Deleted ⌵

Facility

Needs

Population &amp; Flow

Discharge &amp; Effluent

Pollution

## Population Information ⌵ ?

	Resident Population			Non-Resident Population		
	Present	Projected	Projected Year	Present	Projected	Projected Year
Receiving Collection				20	25	
Upstream Collection						
Total Receiving Treatment				20	25	
Decentralized Systems						
Individual Sewage Disposal Systems						
Total (Excluding Upstream)				20	25	
<input type="checkbox"/> Small Community Exception Flag						

## Flow Information ⌵ ?

	Existing	Present Design	Projected Design
Municipal Flow (MGD)	0.01	0.01	0.01
Industrial Flow (MGD)			
Infiltration Flow (MGD)			
Total Flow (MGD)	0.01	0.01	0.01
Wet Weather Flow (Peak) (MGD)			
Flow to Population Ratio (GPCD)	833.3	833.3	666.7



# Welcome to the EPA Portal

## Clean Watersheds Needs Survey (CWNS)

Meg Klepic  
OH State User

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[home](#) > Facility/Project

Facility: 39000357001 - ALLEN COUNTY AIRPORT STP

[Help](#)

Facility

Needs

Population & Flow

Discharge & Effluent

Pollution

	Req	Ent	Err
<a href="#">Facility</a>	✓	✓	
<a href="#">Permit</a>			✓
<a href="#">Point of Contact</a>	✓	✓	
<a href="#">Location</a>	✓	✓	
<a href="#">Needs</a>			
<a href="#">Population</a>	✓	✓	
<a href="#">Flow</a>	✓	✓	
<a href="#">Discharge</a>	✓	✓	✓
<a href="#">Effluent</a>	✓	✓	
<a href="#">Pollution</a>			
<a href="#">Unit Process</a>		✓	
<a href="#">Utility Management</a>			

## Discharge Information

Method	Present	Flow Portion %	Projected	Flow Portion %	Location	Edit	Delete
Outfall To Surface Waters	✓		✓		39000357001		

[Add Discharge](#)

## Effluent Information

	Present	Projected
Treatment Level	Secondary	Secondary
Nitrogen Removal	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorous Removal	<input type="checkbox"/>	<input type="checkbox"/>
Ammonia Removal	<input type="checkbox"/>	<input type="checkbox"/>
Metal Removal	<input type="checkbox"/>	<input type="checkbox"/>
Syn Organic Removal	<input type="checkbox"/>	<input type="checkbox"/>
Nutrient Removal	✓	

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[view all comments](#)

State: Meg Klepic 08/03/2007

Reviewer:

Status

State In Progress

Feedback Status

Save



# Welcome to the EPA Portal

## Clean Watersheds Needs Survey (CWNS)

Meg Klepic  
OH State User

[Support](#)[Help](#)[Logout](#)[home](#) > [Pollution](#)

Facility: 39000357001 - ALLEN COUNTY AIRPORT STP

[Summary](#) [Review Status](#) [Review Comments](#) [Impaired Waters Search](#) ☒ Distance(Miles) ☐ Watershed ☒ All ☐ TMDL Completed ☐ TMDL Needed

6



Radius from Facility Coordinates(max 100 miles)

Select

Information

List ID: [OH05090101 030](#)

Water Body Name: RACCOON CREEK  
(UPSTREAM HEWETT FORK TO  
DOWNSTREAM ELK FORK)  
No TMDLs Entered

&lt;&lt; | Prev | 1 - 1 of 1 | Next | &gt;&gt;

[Facility](#)[Needs](#)[Population & Flow](#)[Discharge & Effluent](#)[Pollution](#)

## Pollution Problems



Animal Holding

Aquaculture

## Impaired Waters

List ID	Water Body Name	TMDL
<a href="#">INA0443 T1008</a>	HABEGGER DITCH	<a href="#">Detail Report</a>
<a href="#">INA0445 T1006</a>	BLUE CREEK	<a href="#">Detail Report</a>



# Welcome to the EPA Portal

## Clean Watersheds Needs Survey (CWNS)

Meg Klepic  
OH State User

[Support](#)[Help](#)[Logout](#)[home](#) > [Facility/Project](#)

Project: 39010010001 - Adams County NPS

### Facility/Project Menu

[Fact Sheet](#)[Profile](#)

### Summary

[Help](#)

	Cor	Req	Ent	Err
<a href="#">Project</a>		✓	✓	
<a href="#">Permit</a>				
<a href="#">Point of Contact</a>		✓	✓	
<a href="#">Location</a>		✓	✓	
<a href="#">Needs</a>		✓	✓	
<a href="#">Pollution</a>				

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State: Meg Klepic 02/04/2005

Reviewer: Alejandro Escobar 02/09/2005

### Review Status

Status: Federal Accepted

[Project](#)[Needs](#)[Pollution](#)

## Project Information

- \* Project: Adams County NPS
- Description:
- \* CWNS Number: 39010010001
- System Name:
- \* Owner: ☒ Public ☐ Military

## Project Type

Type	Present	Projected	Change
Agriculture - Cropland	✓	✓	Process Improvement
Agriculture - Animals	✓	✓	Process Improvement
Urban	✓	✓	Process Improvement

## Permits

NPDES	Permit Number	Type	Active	Use Data
-------	---------------	------	--------	----------

Done

Local intranet

100%





# Welcome to the EPA Portal Clean Watersheds Needs Survey

John Doe

NJ Local User

[Logout](#) [Home](#) [Help](#)

## My Roles

NJ Local User

[NJ State User](#)

## Main Menu

[Create New Facility](#)

[Change Password](#)

[Support](#)

## Facility/Project List

CWNS Number	Facility/Project Name	Feedback Status
34001001001	<a href="#">Passaic County Waste Water Treatment Plant</a>	<a href="#">Local In Progress</a>
34001001002	<a href="#">Whippany River Watershed</a>	<a href="#">Local In Progress</a>
34001001003	<a href="#">Westside Sewer System</a>	<a href="#">State Review Requested</a>
-	<a href="#">New Passaic County Waster Water Treatment Plant</a>	<a href="#">State New Requested</a>

## Document Management

Facility

34001001001 - Passaic County ..

Title	date	public
<a href="#">Capitla Improvement Plan for Passaic County</a>	04/02/2008	✓
<a href="#">Sanitary Sewer System Addendum</a>	01/02/2008	

Add

## Facility Search

Search



Search for "Sewer" returned 5 results

Select Info

CWNS Number: 34001001006



# Welcome to the EPA Portal Clean Watersheds Needs Survey

John Doe  
NJ Local User

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## My Roles

NJ Local User

[NJ State User](#)

## Main Menu

[Create New Facility](#)

[Change Password](#)

[Support](#)

## Facility/Project List

CWNS Number	Facility/Project Name	Feedback Status
34001001001	<a href="#">Passaic County Waste Water Treatment Plant</a>	<a href="#">Local In Progress</a>
34001001002	<a href="#">Whippany River Watershed</a>	<a href="#">Local In Progress</a>
34001001003	<a href="#">WestSide Sewer System</a>	<a href="#">State Review Requested</a>
-	<a href="#">New Passaic County Waster Water Treatment Plant</a>	<a href="#">State New Requested</a>

## Document Management

Facility

## Facility: Passaic County Waste Water Treatment Plant

### Facility Feedback Sheet

[Edit](#)



[State Fact Sheet](#)



[Refresh](#)



[Print](#)

Facility Name: Passaic County Waste Water Treatment Plant

CWNS Number: 34001001001

Feedback Status: Local In Progress

Review Status: State in Progress

State: MO

Federal Needs: \$5,699,000

System Name:

### Facility Type

Type	Present	Projected	Change
Collection: Separate Sewers	✓	✓	Expansion Rehabilitation
Collection: Combined Sewer	✓	✓	Replacement Expansion
Individual On-Site System Area	✓	✓	Abandonment
Treatment Plant	✓	✓	Process Improvement

### Responsible Entity

Name	Authority	Address	Phone	Email
John Franklin	Kirkville, City of			

# Additional Training

CWNS 2008 Kickoff Meeting

Methods and Rules

Data Entry System

Webcasts posted on Internet

Data Entry System training videos on Internet

Additional Webcasts (early 2008) for Local  
Communities

# Questions

Your phones will now be taken off mute, so that you may ask questions. Please mute your phone or remain quiet so that everyone can hear the question.

Remember--Written questions can be submitted at anytime by clicking the question icon.





# Contacts & More Information

Michael Plastino, US EPA

202-564-0682 or [plastino.michael@epa.gov](mailto:plastino.michael@epa.gov)

Karen Fligger, US EPA

202-564-2992 or [fligger.karen@epa.gov](mailto:fligger.karen@epa.gov)

Sign up for CWNS updates, email [cwns@epa.gov](mailto:cwns@epa.gov)

[www.epa.gov/cwns](http://www.epa.gov/cwns)

Includes list of state & regional coordinators

News about CWNS 2008

Access to CWNS data and Reports to Congress